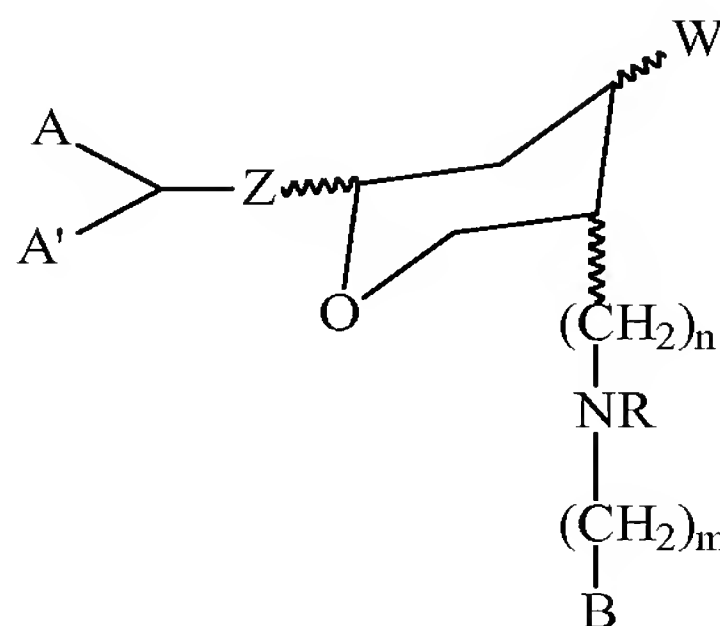


**Amendments to the Claims:**

*This listing of claims will replace all prior versions, and listings, of claims in the application:*

1. (Currently Amended) A 3,6-substituted pyran group-containing compound having the structural formula:



wherein

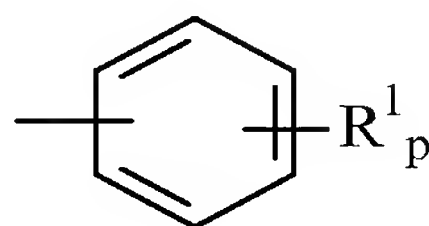
A, A' are each phenyl;

B is optionally substituted C<sub>4</sub>-C<sub>14</sub> aryl;

Z is a chemical bond;

R is H or C<sub>1-8</sub> alkyl;

W is selected from the group consisting of hydrogen and -OH, wherein when ~~H is hydrogen~~  
W is hydrogen, B is described by the following formula:



p is 0-6;

$R^1$  is  $C_{1-4}$  alkyl,  $C_{2-6}$  alkenyl,  $C_{2-6}$  optionally halogenated alkynyl,  $C_{2-6}$  hydroxyalkynyl, -CN, -COOR<sup>4</sup>, -OH, -NO<sub>2</sub>, -NH<sub>2</sub>, -NHR<sup>4</sup>, -SO<sub>2</sub>NH<sub>2</sub>, -NHSO<sub>2</sub>R<sup>8</sup>, -OCF<sub>3</sub>, or -OR<sup>8</sup>;

$R^4$  is H,  $C_{1-18}$  alkyl,  $C_{5-10}$  cycloalkyl, or  $C_{2-18}$  alkylene

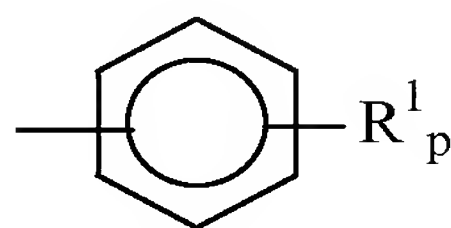
$R^8$  is  $C_{1-8}$  alkyl,  $C_{5-6}$  cycloalkyl,  $C_{2-8}$  alkenyl, or a 5 or 6-member aromatic ring including heterocyclic rings;

n is 0 ; and

m is 1

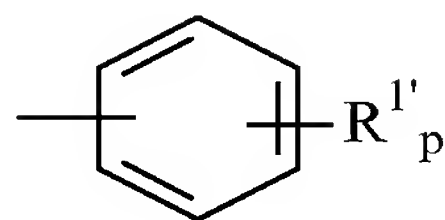
or a pharmaceutically acceptable derivative or salt thereof.

2. (Currently Amended) The compound of claim 1, ~~wherein at~~ wherein at least one of A and A' are:



where  $R^1$  is selected from the group consisting of  $C_{1-4}$  alkyl,  $C_{2-6}$  alkenyl,  $C_{2-6}$  optionally halogenated alkynyl,  $C_{2-6}$  hydroxyalkynyl, halo, -CN, -COOR, where R is  $C_{1-18}$  alkyl,  $C_{5-10}$  cycloalkyl,  $C_{2-18}$  alkenyl, -OH, -NO<sub>2</sub>, -NH<sub>2</sub>, -OR<sup>2</sup> where  $R^2$  is  $C_{1-8}$  alkyl,  $C_{5-6}$  cycloalkyl, or  $C_{2-8}$  alkenyl.

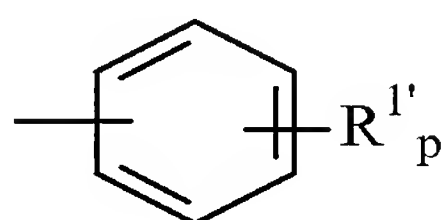
3. (Currently Amended) The compound of claim 1, wherein B is selected from the group



where  $R^{1'}$  is selected ~~is selected~~ from the group consisting of  $C_{1-4}$  alkyl,  $C_{2-6}$  alkenyl,  $C_{2-6}$  optionally halogenated alkynyl,  $C_{2-6}$  hydroxyalkynyl, halo, -CN, -COOR, where

R is C<sub>1-18</sub> alkyl, C<sub>5-10</sub> cycloalkyl, C<sub>2-18</sub> alkenyl, -OH, -NO<sub>2</sub>, -NH<sub>2</sub>, -OR<sup>2</sup> where R<sup>2</sup> is C<sub>1-8</sub> alkyl, C<sub>5-6</sub> cycloalkyl, or C<sub>2-8</sub> alkenyl; and wherein R<sup>2</sup> have the meaning of R<sup>1'</sup> and also a 5 or 6 membered heterocycle containing 1 or more heteroatoms selected from the group consisting of N, O, and S, and wherein X is N, O, or S.

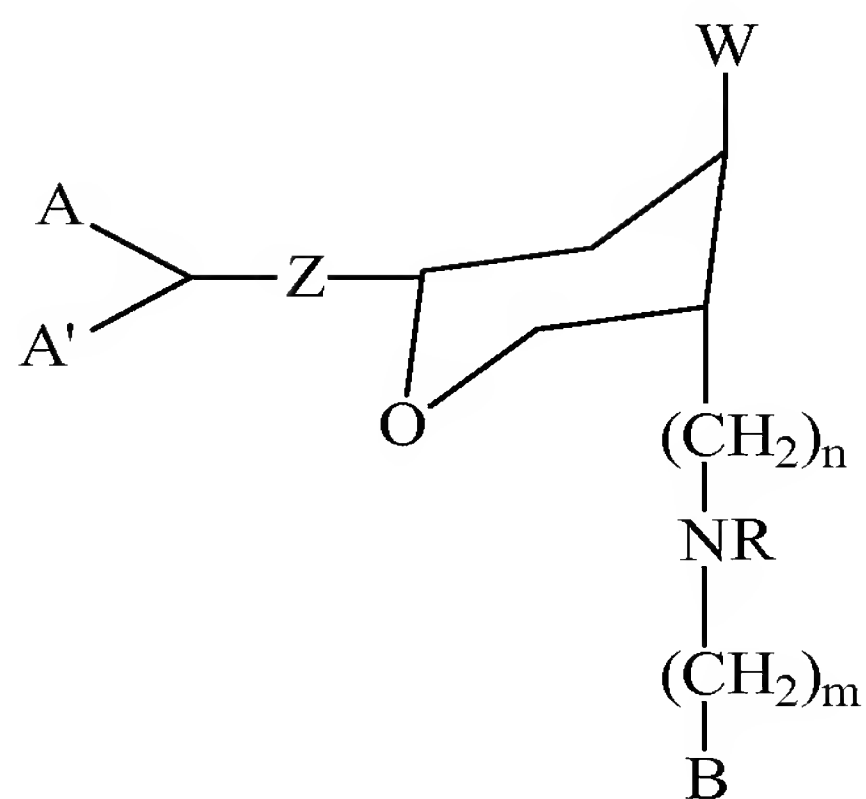
4. (Previously Presented) The compound of claim 2, wherein B is selected from the group



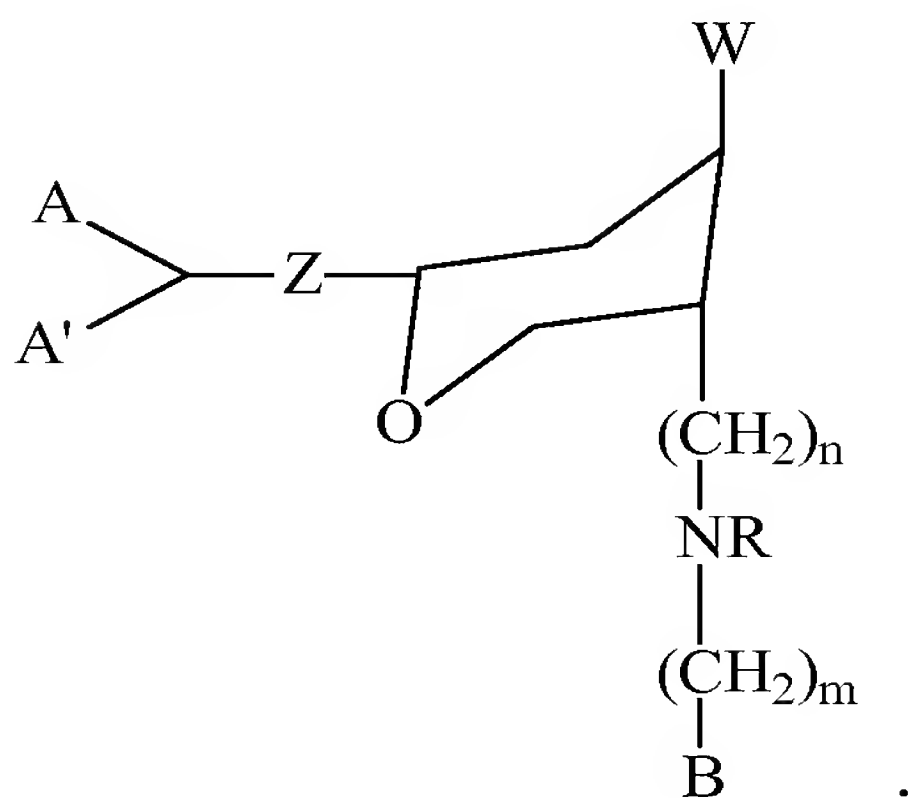
where R<sup>1'</sup> is selected from the group consisting of C<sub>1-4</sub> alkyl, C<sub>2-6</sub> alkenyl, C<sub>2-6</sub> optionally halogenated alkynyl, C<sub>2-6</sub> hydroxyalkynyl, halo, -CN, -COOR, where R is C<sub>1-18</sub> alkyl, C<sub>5-10</sub> cycloalkyl, C<sub>2-18</sub> alkenyl, -OH, -NO<sub>2</sub>, -NH<sub>2</sub>, -OR<sup>2</sup> where R<sup>2</sup> is C<sub>1-8</sub> alkyl, C<sub>5-6</sub> cycloalkyl, or C<sub>2-8</sub> alkenyl; and wherein R<sup>2</sup> have the meaning of R<sup>1'</sup> and also a 5 or 6 membered heterocycle containing 1 or more heteroatoms selected from the group consisting of N, O, and S, and wherein X is N, O, or S.

5. (Original) The compound of claim 3, wherein A and A' are both unsubstituted phenyl.

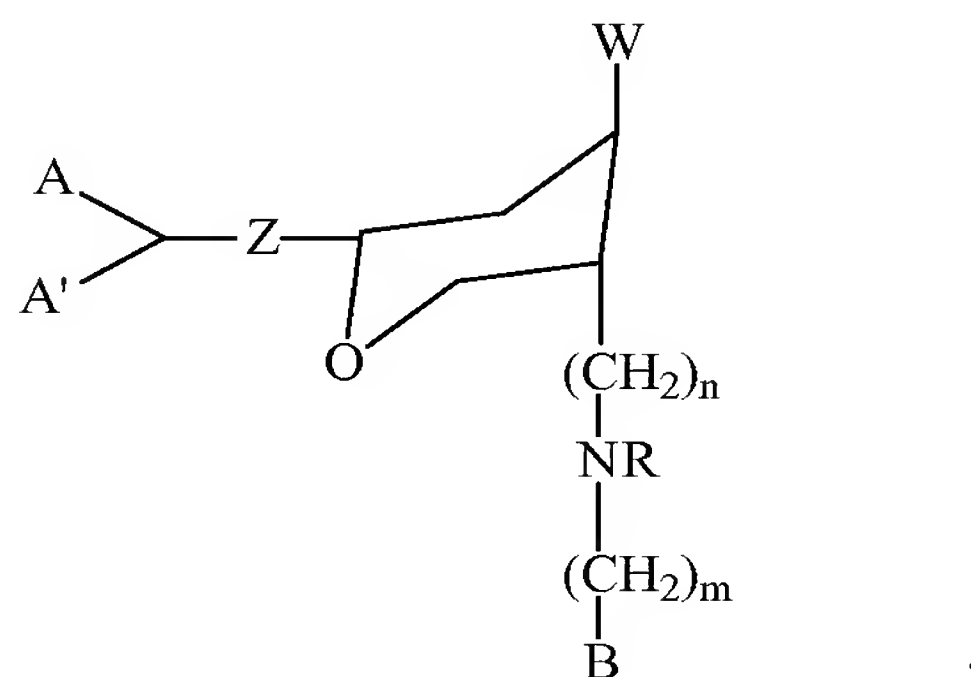
6. (Original) The compound of claim 1, having the formula



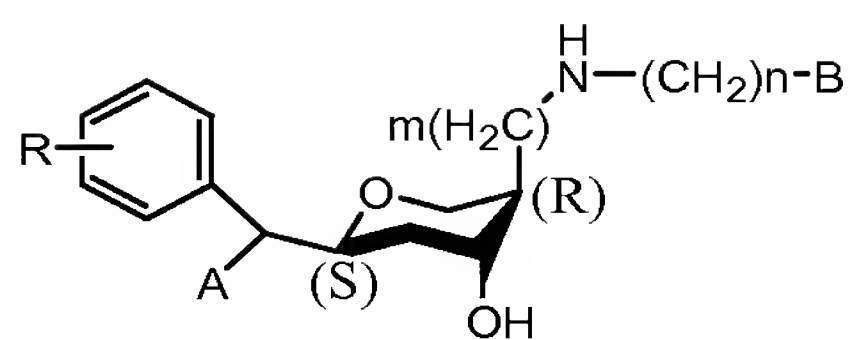
7. (Original) The compound of claim 2, having the formula



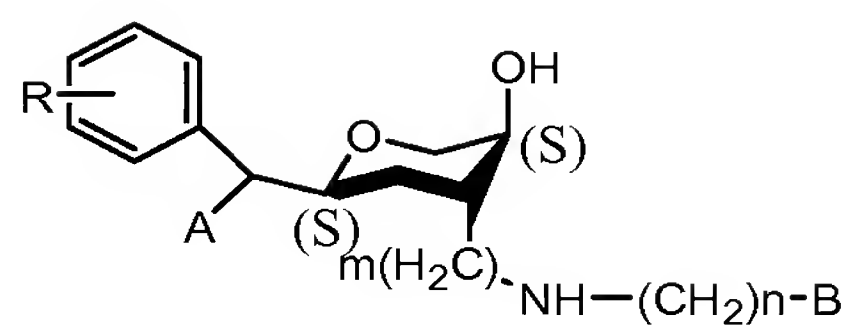
8. (Original) The compound of claim 3, having the formula



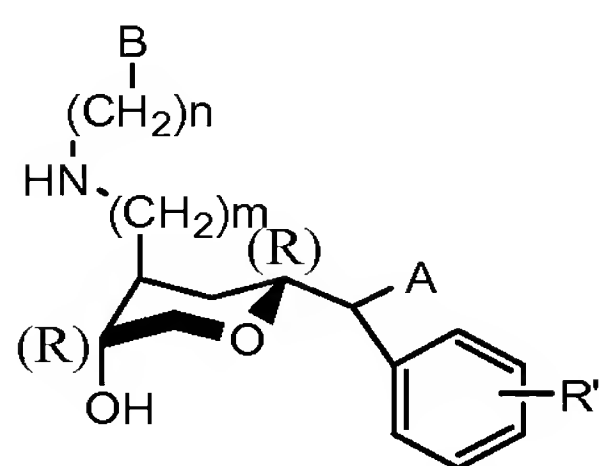




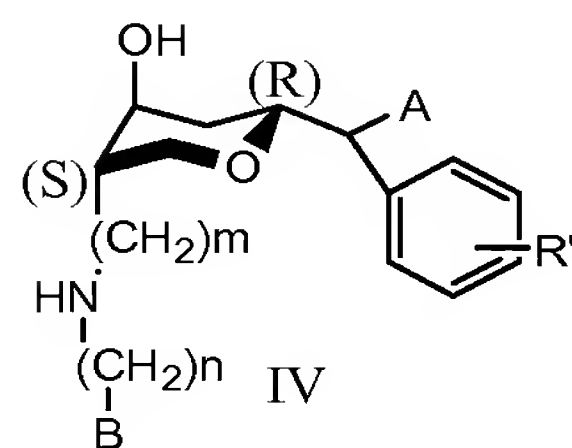
I



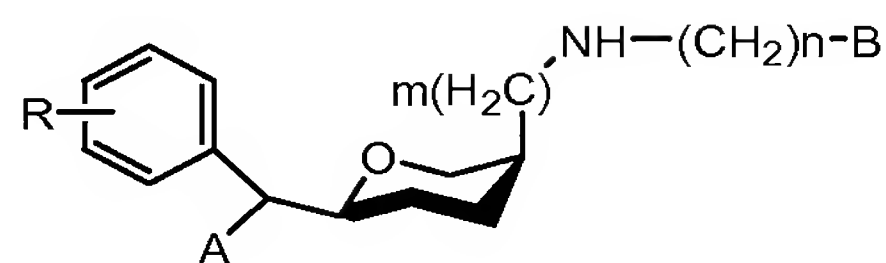
II



III

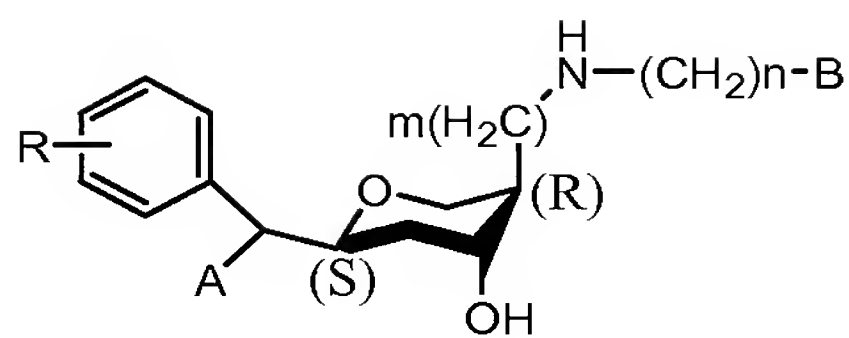


IV

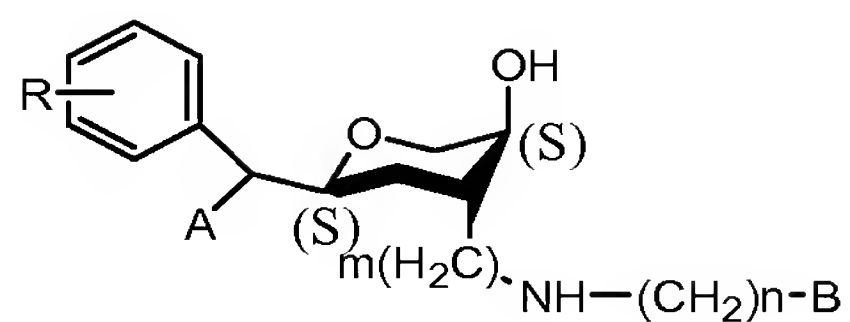


V

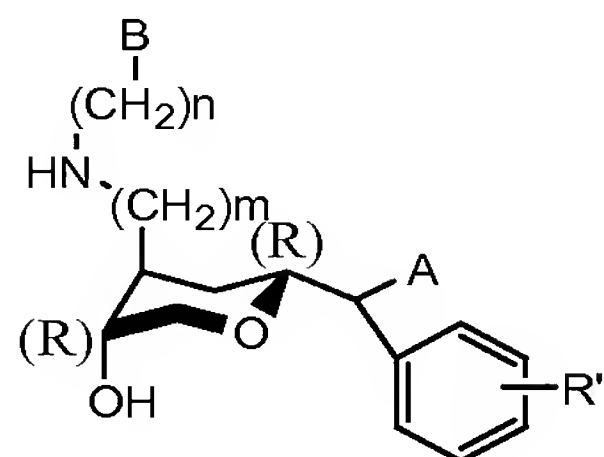
13. (Original) The compound of claim 2, having a formula selected from the group consisting of:



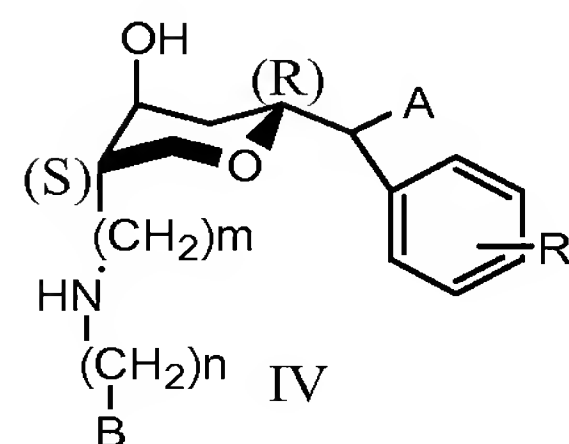
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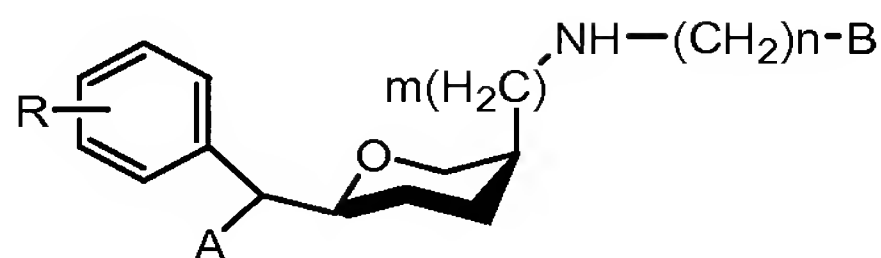
II



III

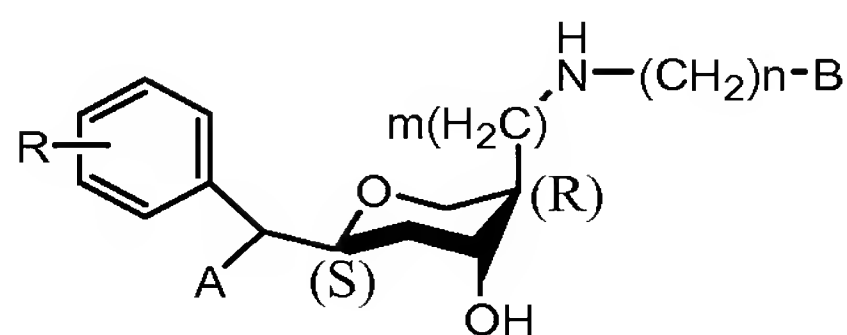


IV

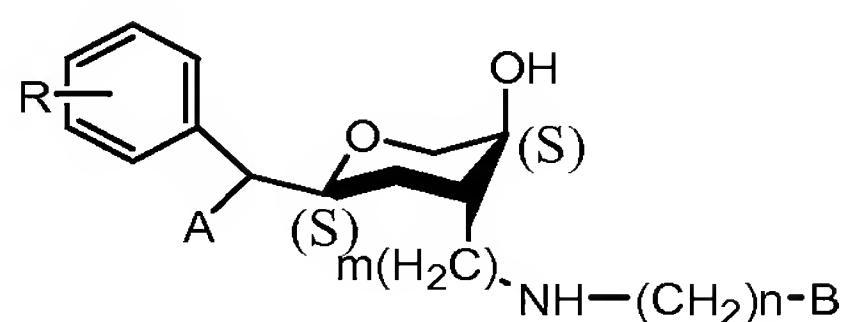


V

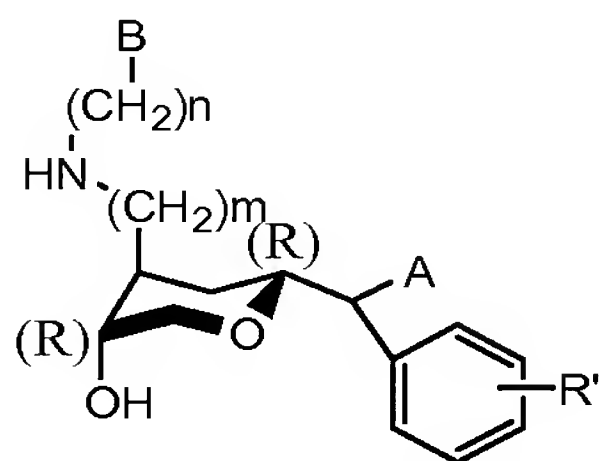
14. (Original) The compound of claim 3, having a formula selected from the group consisting of:



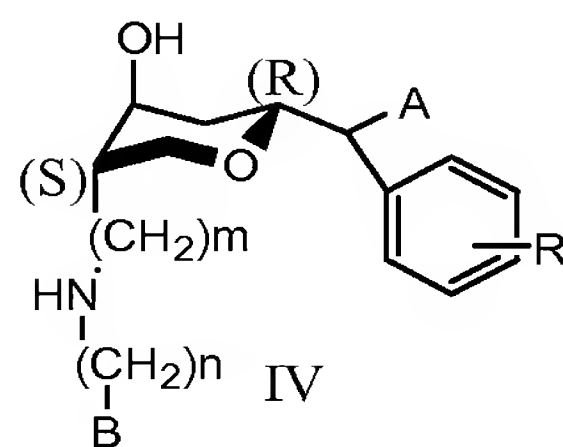
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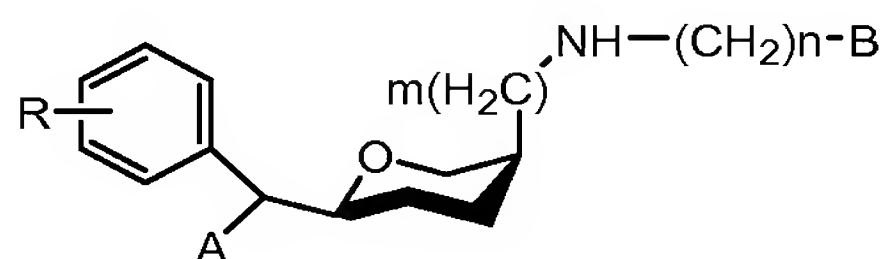
II



III

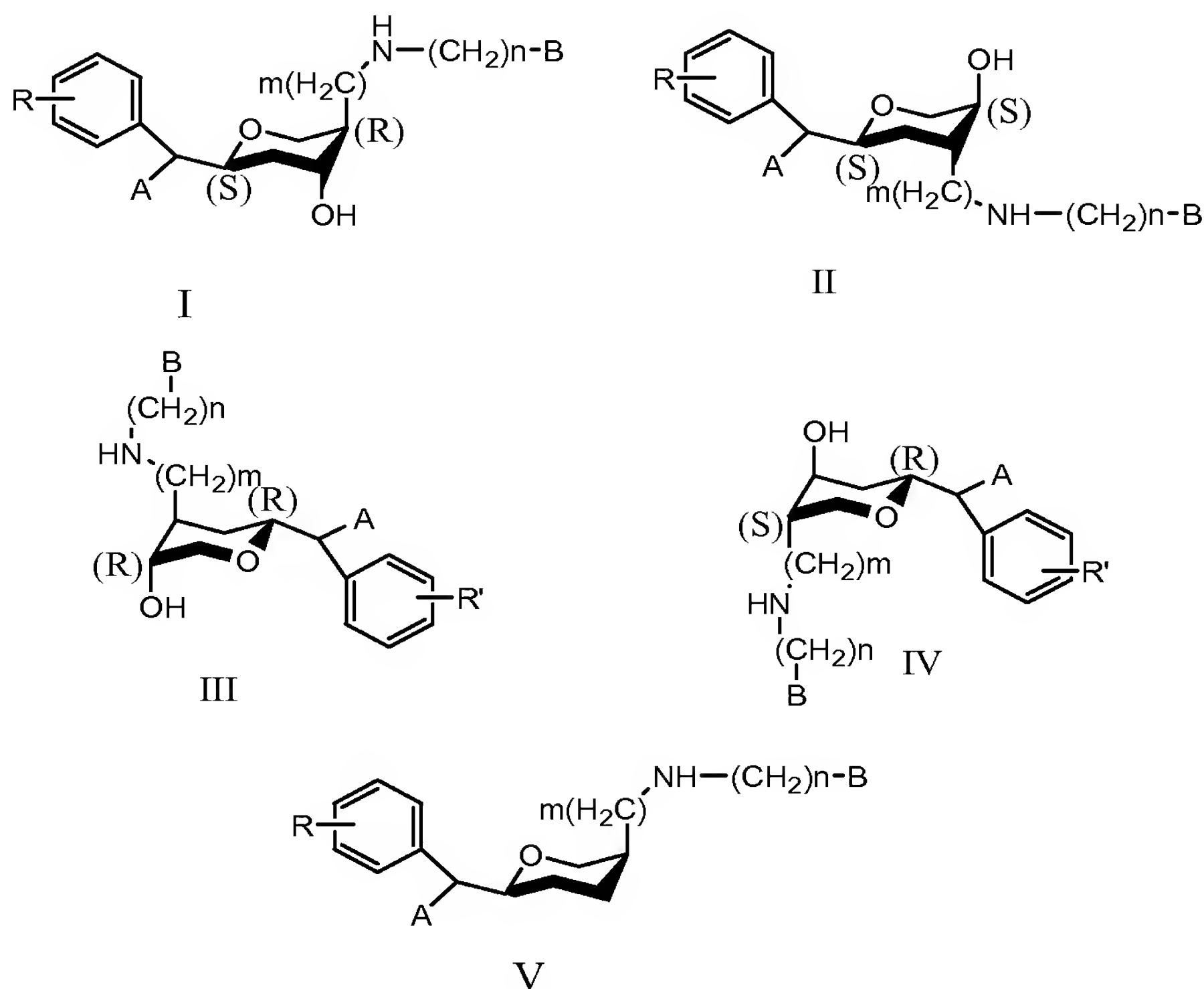


IV



V

15. (Original) The compound of claim 5, having a formula selected from the group consisting of:



16. (Currently Amended) The compound of claim 1, selected from the group consisting of:

*Cis*-(6-benzhydryl-tetrahydropyran-3-yl)-(4-hydroxy-benzyl)-amine (16h);

*Cis*-(6-benzhydryl-tetrahydropyran-3-yl)-(1H-iodo-5-ylmethyl)-amine (16n);

*Cis*-(6-benzhydryl-tetrahydropyran-3-yl)-(4-amino-benzyl)-amine (16o);

*Cis*-(6-benzhydryl-tetrahydropyran-3-yl)-(3,4-dichloro-benzyl)-amine (16i);

(2S, 4R, 5R)-2-benzhydryl-5-(4-methoxy-benzylamino)-tetrahydropyran-4-ol (-)-29a;

(2S, 4R, 5R)-2-benzhydryl-5-(4-fluoro-benzylamino)-tetrahydro-pyran-4-ol (-)-29b;

(2S, 4R, 5R)-2-benzhydryl-5-benzylamino-tetrahydro-pyran-4-ol (-)-29d;

(2S, 4R, 5R)-2-benzhydryl-5-(2,4-dimethoxy-benzylamino)-tetrahydropyran-4-ol (-)-29e;

(2S, 4R, 5R)-2-benzhydryl-5-(3,5-dimethoxy-benzylamino)-tetrahydropyran-4-ol (-)-29f;



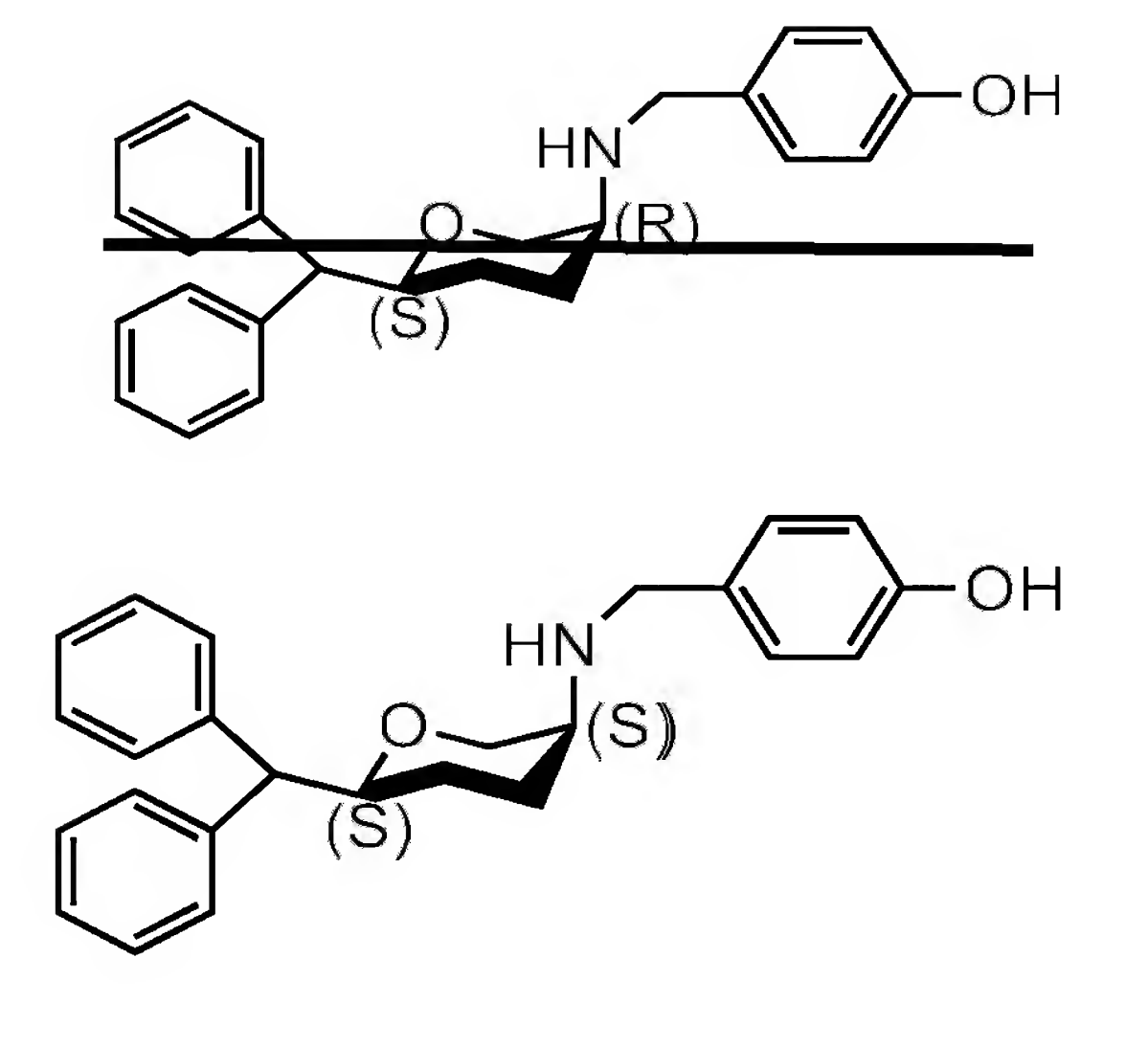
(2S, 4R, 5R)-2-benzhydryl-5-(4-hydroxy-benzylamino)-tetrahydropyran-4-ol (-)32a;  
(2R, 4S, 5S)-2-benzhydryl-5-(4-hydroxy-benzylamino)-tetrahydro-pyran-4-ol  
(+)32a;  
~~(3S, 6S)-(6-benzhydryl-tetrahydropyran-3-yl)-(4-hydroxy-benzyl)-amine (-)37a; and~~  
cis-(3S, 6S)-(6-benzhydryl-tetrahydropyran-3-yl)-(4-hydroxy-benzyl)-amine (-)37a;  
and  
cis-(3R, 6R)-(6-benzhydryl-tetrahydropyran-3-yl)-(4-hydroxy-benzyl)-amine (+)37a.

17. (Previously Presented) The compound of claim 1, selected from the group consisting of:

(2S, 4R, 5R)-2-benzhydryl-5-(4-methoxy-benzylamino)-tetrahydropyran-4-ol (-)29a;  
(2S, 4R, 5R)-2-benzhydryl-5-benzylamino-tetrahydro-pyran-4-ol (-)29d;  
(2S, 4R, 5R)-2-benzhydryl-5-(2,4-dimethoxy-benzylamino)-tetrahydropyran-4-ol (-)-  
29e;  
(2S, 4R, 5R)-2-benzhydryl-5-(3,5-dimethoxy-benzylamino)-tetrahydropyran-4-ol (-)-  
29f;  
(2S, 4R, 5R)-2-benzhydryl-5-(4-hydroxy-benzylamino)-tetrahydropyran-4-ol (-)32a;  
(2R, 4S, 5S)-2-benzhydryl-5-(4-hydroxy-benzylamino)-tetrahydro-pyran-4-ol  
(+)32a;  
cis-(3S, 6S)-(6-benzhydryl-tetrahydropyran-3-yl)-(4-hydroxy-benzyl)-amine (-)37a;  
and  
cis-(3R, 6R)-(6-benzhydryl-tetrahydropyran-3-yl)-(4-hydroxy-benzyl)-amine (+)37a.

18.-24. (Cancelled)

25. (Currently Amended) A compound having the following formula:



or a pharmaceutically acceptable salt thereof.